

# FEATHER-LIGHT STEEL-TOUGH



## Galaxy Series

**BMT-G4/088A | 335W**

**Ideal for C&I Roof Tops/ Patio/Pergola/Shed & Solar Trailer/Flat Roof**

Galaxy Series is a featherlight BIPV (building-integrated photovoltaic) product designed for industrial and commercial applications. With an ultra-lightweight design and frameless surface, Galaxy is especially ideal for low load-bearing and poor waterproofing roofs while ensuring power generation efficiency. It is worth mentioning that the 1.6mm ultra-thin glass is added to Galaxy, which greatly helps improve its ability to resist strong impact from wind and hail, bringing durability and safety to buildings with all-weather protection. Furthermore, various installation methods and the integrated design also enable rapid and streamlined installation, resulting in significant cost savings out of reduced labor time.



### Ultra-lightweight

- The lightest weighs 5.6 kg/m<sup>2</sup>
- Up to 60% lighter than conventional module
- Suitable for roofs with a low load-bearing capacity



### Quick Installation

- No roof penetration
- 3 Min/pcs Rapid Installation
- Glue for flat roofs



### High Reliability

- Wind<sup>1</sup> and hail<sup>2</sup> impact resistance
- Maximum static snow load up to 5400Pa
- Enhanced capability for self-cleaning
- Reduced fire risks



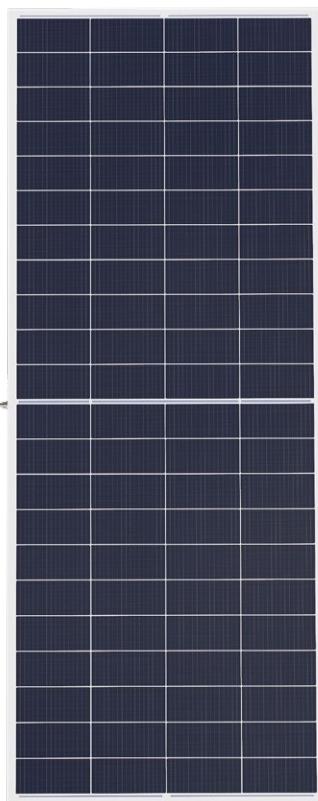
### High Power Generation

- High-efficiency PERC cells
- 2% less generation loss<sup>3</sup> with ventilation design
- Up to 204W per square meter of power generation

<sup>1</sup>Third-party lab test from CTC

<sup>2</sup>Third-party TUV lab: report number CN22Z6P8 001

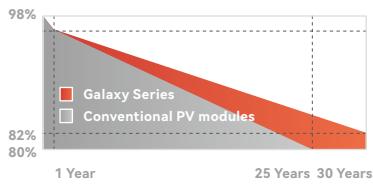
<sup>3</sup>Based on internal lab test



BMT-G4/088A

### 30-year power generation performance guarantee

- 2% degradation in the first year
- 15-year product warranty
- 0.55% decay per year
- 30-year power guarantee



### Structural Data

### BMT-G4/088A

Size*	2116 * 777 *5mm
Weight	9.2±0.7kg
Unit Weight	5.6±0.4kg/m <sup>2</sup>
Front Surface	1.6mm tempered glass
Cell Type	Mono PERC Half Cells (88pcs)
Frame	Frameless

### Electrical Data (STC)

Max Power (Pmax)	335W
Power/ m <sup>2</sup> (W/ m <sup>2</sup> )	204W/ m <sup>2</sup>
Efficiency (%)	20.4%
Voltage at Max Power (Vmpp)	25.68V
Voltage at Open Circuit (Voc)	30.47V
Current at Max Power (Impp)	13.05A
Current at Short Circuit (Isc)	13.88A

### Operation Conditions

Maximum System Voltage	1500V
Maximum Fuse Rating Operation	25A
Temperature Range	-40° C ~+85° C
Hail Test	Hail diameter: 25mm Specified speed: 23m/s
The Rated Operating Temperature	45±2°C
Fire-resistant Class	C
Protection Class	II

### Temperature Parameter

Isc TP	0.048%/°C
Voc TP	-0.28%/°C
PMPP TP	-0.35%/°C

\*within a tolerance of 2 mm for length and width and 1 mm for thickness

### Glue-On Installation

